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(71) Applicant (for all designated States except US): **VI-
CIRON PHARMACEUTICALS INC.** [US/US]; 455
South Gulph Road, Suite 305, King of Prussia, PA 19406
(US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LAZZARINI**,
Ameriga [IT/IT]; Via 29 Maggio, 5, I-20025 Legnano
(IT). **GASTALDO**, Luciano [IT/IT]; Via San Martino, 7,
I-20010 Pogliano Milanese (IT). **CANDIANI**, Gianpaolo

[IT/IT]; Via Bellini, 2/C, I-20064 Gorgonzola (IT). **CI-
CILIATO**, Ismaela [IT/IT]; Via Orazio, 7, I-21052 Busto
Arsizio (IT). **LOSI**, Daniele [IT/IT]; Via Carso, 28/B,
I-22069 Rovellasca (IT). **MARINELLI**, Flavia [IT/IT];
Via Rubens, 25, I-20148 Milano (IT). **SELVA**, Enrico
[IT/IT]; Via Di Vittorio, 23, I-27027 Gropello Cairoli (IT).
PARENTI, Franco [IT/IT]; Via B. Cellini, 24, I-20020
Lainate (IT).

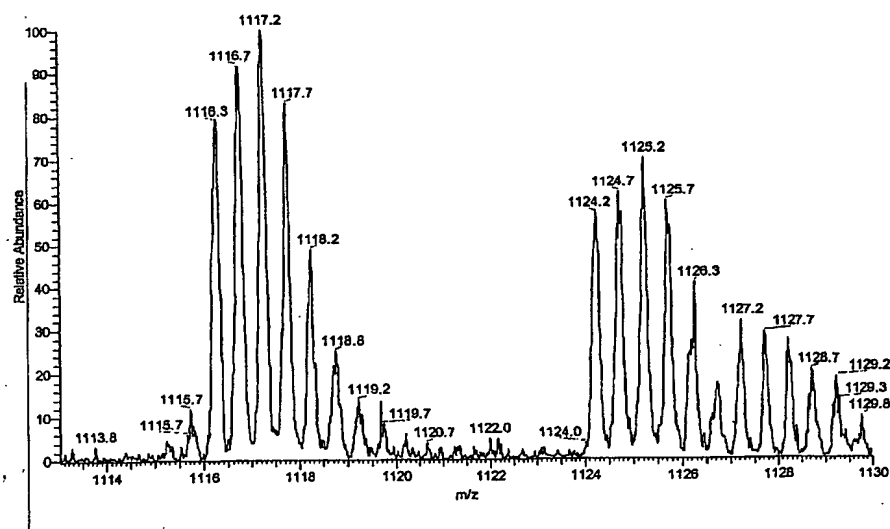
(74) Agents: **SGARBI**, Renato et al.; Ing. A. Giambrocono &
C. S.r.l., Via Rosolino Pilo, 19/B, I-20129 Milano (IT).

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(54) Title: ANTIBIOTIC 107891, ITS FACTORS A1 AND A2, PHARMACEUTICALLY ACCEPTABLE SALTS AND COMPO-
SITIONS, AND USE THEREOF.



(57) **Abstract:** The invention relates to an antibiotic substance of microbial origin, arbitrarily denominated antibiotic 107891 which is produced by fermentation of *Microbispora* sp. ATCC PTA-5024, the pharmaceutically acceptable salts and compositions thereof, and their use as an antibacterial agent having inhibitory activity versus susceptible microbes. Antibiotic 107891, which is a complex comprising two Factors, denominated Factors A1 and A2, has a peptide structure containing lanthionine and methylanthionine as constituents which are typical characteristics of the antibiotics of the lantibiotics group. Antibiotic 107891 and its Factors A1 and A2 show a good antibacterial activity against Gram-positive bacteria including methicillin resistant and vancomycin resistant strains, and is active also against some Gram-negative bacteria such as *M. catharralis*, *Neisseria* species and *H. influenzae* and *Mycobacteria*.

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